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**SECRET**

May 26, 1965

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Gentlemen:

In accordance with the terms of the contract, enclosed is one (1) copy of the progress report covering the period from March 1, 1965 to May 14, 1965.

Additional copies of this report are being sent directly to your technical representative.

Very truly yours,

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Head, Photogrammetric  
Contracts Section

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Group 1  
Excluded from automatic  
downgrading and  
declassification

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**DECLASS REVIEW by NIMA/DOD**

Panoramic Stereoviewer

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Status Report

Covering the Period from March 1, 1965 to May 14, 1965

Work was started on the modification and completion of the Panoramic Stereoviewer during the week of April 12th.

During this reporting period the specifications were completed for approximately 50% of the mechanical modifications and have been released for manufacture. The following are some of the more important actions that were taken during this reporting period:

1.  $2\frac{1}{2}$  inch diameter friction rollers will be used in the drive. This will permit a  $150^\circ$  film wrap around on the roller. The roller that contacts the glass drum will be undercut across the free aperture of the drum.
2. Based on experiments that were conducted it appears feasible to place the reticles on the eyepiece side of the zoom system which is the preferred location. Reticles of two different line weights are now being made (5 and 10 microns).
3. No action has been taken on mounting the glass drums; however the method of mounting has been determined which will avoid the introduction of excessive tensile stresses in the glass drum.

Cost accumulated on the project as of 5/14/65:

Engineering.....  
Manufacturing.....  
Material.....

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\* Costs reflect corrected overhead rates in addition to charges for this reporting period.

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